BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name of Work:-Improvements & Construction of CC road, drain & RCC Culverts at Coconut Garden (Sharada School road) 2nd, 3rd, 4th & 5th cross road in Dasarahalli Ward No 15

			Est. Cost Rs				19.50	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-2. Earthwork excavation by manual means in **hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.138/I.19.2 PW, P & IWTD - SR 2014-15)	Cum							
	Drain								
	1st cross		1	82.00	0.60	0.35	17.22		
	2nd cross		2	65.00	0.60	0.35	27.30		
	3rd cross road		2	70.00	0.60	0.35	29.40		
	4th cross		2	60.00	0.60	0.35	25.20		
			2	54.00	0.60	0.35	22.68		
			1	35.00	0.60	0.35	7.35		
	Basic Rate	98.00					**129.15**	105.84	**13669.00**
	Add Area Weightage 8%	7.84							
	Total	**105.84**							
2	**Removing B.S.Slab** of drain and stacking etc., complete Page No. 25/ Item No. 5.32/ PWD SR 2014-15	**Sqm**							
	Drain								
	1st cross		1	82.00	1.30		106.60		
	2nd cross		2	65.00	1.30		169.00		
	3rd cross road		2	70.00	1.30		182.00		
	4th cross		2	60.00	1.30		156.00		
			2	54.00	1.30		140.40		
			1	35.00	1.30		45.50		
	Basic Rate	54.00					**799.50**	58.32	**46627.00**
	Add Area Weightage 8%	4.32							
	Total	**58.32**							
4	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix **M1:2:4 with c**ement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2014-15)	Cum							
	Drain								
	1st cross		1	82.00	0.60	0.08	3.94		
	2nd cross		2	65.00	0.60	0.08	6.24		
	3rd cross road		2	70.00	0.60	0.08	6.72		
	4th cross		2	60.00	0.60	0.08	5.76		
			2	54.00	0.60	0.08	5.18		
			1	35.00	0.60	0.08	1.68		
	Paches								

			1	81.00	1.10	0.08	7.13		
			2	60.00	1.10	0.08	10.56		
			1	65.00	1.10	0.08	5.72		
			1	95.00	1.10	0.08	8.36		
			1	100.00	1.10	0.08	8.80		
			1	230.00	1.10	0.08	20.24		
			2	60.00	1.10	0.08	10.56		
			1	95.00	1.10	0.08	8.36		
	Basic Rate	4933.00					**109.25**	5228.98	**571256.00**
	Add Area Weightage 6%	295.98							
	Total	**5228.98**							
5	**Refixing stone slabs** of drains and pointing in CM 1:3 etc complete Page No. 25/ Item No.5.33/ PWD SR 2014-15	**Sqm**							
		Qty Vide Item No 02					799.50		
		60% Qty of Wide Iteam No 02					**479.70**	75.60	**36265.00**
	Basic Rate	70.00							
	Add Area Weightage 8%	5.60							
	Total	**75.60**							
6	**Providing Granite slabs** selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick (P. 27 I. 5.31.1) Page No. 25/ Item No. 5.31.1/ PWD SR 2014-15	**Sqm**							
	Qty Vide Iteam No 2-5						**319.80**		
	Basic Rate	592.00					319.80	639.36	**204467.00**
	Area Weightage 8%	47.36							
	Total	**639.36**							
7	KSRB 5-14 : Providing and constructing precast **concrete solid blocks** with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size **40x20x20** cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **Page No. 25/ Item No. 5.27/ PWD SR 2014-15**	**Sqm**							
	Drain								
	1st cross		1x2	82.00	_	0.20	32.80		
	2nd cross		2x2	65.00	_	0.20	52.00		
			2x2	70.00	_	0.20	56.00		
			2x2	60.00	_	0.20	48.00		
			2x2	54.00	_	0.20	43.20		
			2x1	35.00	_	0.20	14.00		
	Basic Rate	920.00					**246.00**	993.60	**244426.00**
	Add Area Weightage 8%	73.60							
	Total	**993.60**							
8	Supplying and fixing **precast rainforced** concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
	1st cross		1	82.00	0.75	_	61.50		
	2nd cross		2	65.00	0.90	_	117.00		
			2	70.00	0.75	_	105.00		
			2	60.00	0.75	_	90.00		
			2	54.00	0.90	_	97.20		
			1	35.00	0.90	_	31.50		
	Data Rates Approved by CE DZ enclosed						**502.20**	1600.00	**803520.00**

9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 7.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.00 (P.136 Table) SR 2014-15	Cum							
			Qty Vide Item No. 1				145.33		
	For Extra Debries						~~250.00~~		10105.00
	Loading and Unloading Charges	62.20					~~395.33~~ 129.18	78.24	~~30930.00~~
	Lead 4 KMs 2x1.28x4	10.24							
		72.44							
	Area Weightage @ 8%	5.80							
	Total	**78.24**							
10	Quality Control Test Charges= 1%								19500.00
11	Miscellaneous and UnforessenCharges								165.00 ~~850.00~~
								Total	1950000.00

(Rupees. Ninteen Lakhs Fifty Thousand Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2014-15
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division

Executive Engineer
Dasarahalli Division

ನಂ.ಪಿ/ P.M.89 ದಿನಾಂಕ : 04-01-2016
ರೂ.19500000=00(ಹತ್ತೊಂಬತ್ತು ಲಕ್ಷದ ಐವತ್ತು ಸಾವಿರ)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.